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**REGISTERED PATENT AGENTS

WRITER'S DIRECT NUMBER:

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INTERNET ADDRESS:

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Assistant Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Utility Patent Application
Appl. No. 09/064,057; Filed: April 22, 1998
For: Compositions and Methods for Reverse Transcription of Nucleic Acid
Molecules
Inventors: GERARD *et al.*
Our Ref: 0942.4330002/RWE/BJD

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Sir:

Transmitted herewith for appropriate action are the following documents:

1. Fee Transmittal Form (PTO/SB/17) (*in duplicate*)
2. Second Preliminary Amendment;
3. Our check no. 22379 in the amount of \$104.00 to cover additional claim fees; and
4. One return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Assistant Commissioner for Patents
July 23, 1998
Page 2



The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

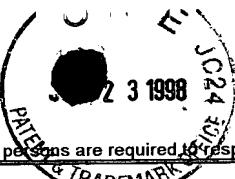
Brian J. Del Buono
Agent for Applicants
Registration No. P-42,473

BJD:aaw
Enclosures

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SKGF Rev. 1/25/98 dcw

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**FEE TRANSMITTAL**Patent fees are subject to annual revision on
October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.**TOTAL AMOUNT OF PAYMENT**

(\$ 104.00)

Complete if Known

Application Number	09/064,057
Filing Date	April 22, 1998
First Named Inventor	Gerard
Examiner Name	To be assigned
Group / Art Unit	1635
Attorney Docket Number	0942.4330002/RWE/BJD

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number **19-0036**
Deposit Account Name **Sterne, Kessler, Goldstein & Fox P.L.L.C.**

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

2. Payment Enclosed: Check No. **22379**

Money Order Other*
*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

FEES CALCULATION**1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$ 0-)

2. EXTRA CLAIM FEES

Extra	Fee from below	Fee Paid
Total Claims 64	- 63** = 43	X 22.00 = 22.00
Indep. Claims 14	- 13** = 1	X 82.00 = 82.00

Multiple Dependent Claims _____ = _____

** or number previously paid, if greater. For Reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependant claim
108	82	209	41	**Reissue independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 104.00)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	950	217	475	Extension for reply within third month	
118	1,510	218	755	Extension for reply within fourth month	
128	2,060	228	1,030	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention claimed (37 CFR 1.129(b))	

Other fee (specify):

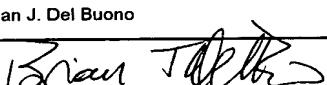
Other fee (specify):

*Reduced by Basic Filing Fee Paid

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SUBTOTAL (3) (\$ 0-)

SUBMITTED BY**Complete (if applicable)**

Typed or Printed Name	Brian J. Del Buono			Reg. Number	P-42,473
Signature		Date	July 23, 1998	Deposit Acct. User ID	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

GERARD *et al.*

Appl. No.: 09/064,057

Filed: April 22, 1998

For: **Compositions and Methods for
Reverse Transcription of Nucleic
Acid Molecules**

Art Unit: 1635

Examiner: (To be Assigned)

Atty. Docket: 0942.4330002/RWE/BJD

Second Preliminary Amendment

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In advance of prosecution in the above identified matter, please amend the application as follows:

In the Claims:

Please add the following new claim:

~~-- 116. An ASLV reverse transcriptase, wherein said ASLV reverse transcriptase is reduced or substantially reduced in RNase H activity. --~~

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07/27/1998 ZABDELLA 00000008 09064057

01 FC:103
02 FC:102

22.00 OP
82.00 OP

Remarks

Support for new claim 116 may be found throughout the specification as originally filed, particularly at page 27, lines 7-13. Hence, the foregoing amendment does not add new matter, and its entry is respectfully requested.